

# Indiana Traffic Safety Facts 2004

## Pedestrians

<http://www.in.gov/cji>

In 2004, seventy-three pedestrians were killed in crashes in the State of Indiana. This is a decrease from 1995, when 78 pedestrians lost their lives in crashes. On average in the State of Indiana, a pedestrian was fatally injured once every five days in 2004. According to the Indiana State Police data, there were 1,507 injuries to pedestrians in 2004. This averages out to more than four pedestrians injured each day across the state. Nationally, 68,000 pedestrians were injured on the nation's roadways.

**Table 1. Pedestrian Deaths by Year in Indiana, 1995-2004**

1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
78	76	72	71	68	54	56	53	62	73

Based on the past ten-year reporting cycle, 1995 showed the highest incidence of pedestrian fatalities, with the lowest having occurred in 2002 at 53 deaths. This accounts for an average of more than 66 pedestrian deaths each year from 1995 through 2004.

Pedestrian deaths by day of week are relatively evenly spaced. Thursday shows a total of eight deaths, which proves to be the day of the week with the fewest number of pedestrian fatalities. Saturday accounted for twelve deaths, making it being the deadliest day of the week for pedestrians. The complete breakdown is as follows:

**Table 2. Pedestrian Deaths by Gender and Day of the Week in Indiana, 2004**

Day	Male	Female	Total
Sunday	6	3	10*
Monday	7	4	11
Tuesday	7	3	10
Wednesday	5	6	11
Thursday	6	2	8
Friday	8	3	11
Saturday	6	6	12
Total	45	27	73*

\*Sunday total and overall total includes one pedestrian fatality of unknown gender.

When broken down by gender, it is shown that most pedestrian deaths are males, accounting for 45 of 73, or 61.6 percent of the deaths, while females account for the remaining 27 of 73, or 37 percent. One of the deaths that occurred on Sunday was of unknown gender.

Weekday crashes are considered to be those that occur between 6:00 AM Monday and 5:59 PM Friday. Weekend crashes account for the remainder of the time. Weekday fatalities involving pedestrians account for 44, or 60.3 percent of the total. Weekend fatalities, conversely, account for the remaining twenty-nine deaths, or 39.7 percent of the total. Daytime crashes occur between the hours of 6:00 AM and 5:59 PM, with nighttime crashes occurring between 6:00 PM and 5:59 AM. The number of pedestrian fatalities during the day is listed as 29, or 39.7 percent, while nighttime fatalities are the remaining 44, or 60.3 percent of the total. When shown by hour, the time frame from noon until 2:00 PM is the only time when no pedestrian fatalities occurred. The deadliest hour is from 9:00 PM-9:59 PM with eight total fatalities.

Coincidentally, the ratio of nighttime and daytime crashes matches that of weekday and weekend crashes at 60 and 40 percent respectively.

**Saturday is the  
deadliest day of  
the week for  
pedestrians.**

In 2004 in the State of Indiana, there were nine pedestrian fatalities under the age of fifteen. There were six fatally injured pedestrians between the ages of 5 and 15. Nationally, eight percent of the pedestrian fatalities were children age 15 and younger. In Indiana in 2004, children 15 and younger accounted for more than twelve percent of the pedestrian fatalities. Older pedestrians (age 70+) accounted for fifteen of the pedestrian fatalities, or 20.5 percent of the total.

**Table 3. Pedestrian Fatalities in Indiana by Select Ages, 2004**

	Age							Total
	1 Year	3 Years	6 Years	7 Years	8 Years	10 Years	11 Years	
<b>Pedestrian Fatalities</b>	1	3	1	1	1	1	1	9

*In 2004, six pedestrians between the ages of 5 and 15 were fatally injured.*

**Table 4. Pedestrian Fatalities in Indiana by Day of Week and Hour of Day, 2004**

Crash Hour	Day of Week							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
0:01am-0:59am	0	0	0	0	0	1	1	2
1:00am-1:59am	2	0	1	1	1	0	0	5
2:00am-2:59am	2	0	0	1	0	0	0	3
3:00am-3:59am	1	0	0	0	0	0	2	3
4:00am-4:59am	0	1	0	0	0	0	1	2
5:00am-5:59am	0	0	0	0	0	1	1	2
6:00am-6:59am	0	2	0	1	0	0	0	3
7:00am-7:59am	0	0	1	2	0	0	0	3
8:00am-8:59am	0	1	0	0	0	0	0	1
9:00am-9:59am	0	1	0	0	1	0	0	2
10:00am-10:59am	0	0	0	0	0	0	1	1
11:00am-11:59am	1	1	0	0	1	1	1	5
2:00pm-2:59pm	0	0	0	1	0	0	2	3
3:00pm-3:59pm	0	0	0	1	1	0	0	2
4:00pm-4:59pm	0	1	1	0	0	1	0	3
5:00pm-5:59pm	1	1	1	1	0	1	1	6
6:00pm-6:59pm	0	1	2	0	1	2	0	6
7:00pm-7:59pm	0	0	1	1	1	0	0	3
8:00pm-8:59pm	2	0	1	1	1	0	0	5
9:00pm-9:59pm	1	1	1	1	1	2	1	8
10:00pm-10:59pm	0	1	1	0	0	1	1	4
11:00pm-11:59pm	0	0	0	0	0	1	0	1
<b>Total</b>	10	11	10	11	8	11	12	73

Hours between the dotted lines are defined as daytime hours.

Of the seventy-three pedestrian fatalities in 2004 in the State of Indiana, nineteen had a positive test for alcohol at the time of their deaths. Of the remaining 54 fatalities, 34 had no test performed while one had a test performed, with no known result.

**Table 5. Pedestrian Blood Alcohol Levels in Pedestrian Fatalities in Indiana, 2004**

Alcohol Test Result	Number of Pedestrians Killed by BAC Level
0.00 % BAC	19
0.02 % BAC	2
0.03 % BAC	1
0.04 % BAC	2
0.07 % BAC	2
0.08 % BAC	1
0.09 % BAC	1
0.15 % BAC	1
0.17 % BAC	2
0.18 % BAC	1
0.19 % BAC	1
0.20 % BAC	1
0.22 % BAC	1
0.23 % BAC	1
0.24 % BAC	1
0.32 % BAC	1
None Given	34
AC Test Performed, Results Unknown	1
<b>Total</b>	<b>73</b>

**Of 73 pedestrian fatalities in Indiana in 2004, 19 had a positive test for alcohol.**

**Table 6. All Highway-Related Fatalities and Pedestrian Fatalities by Age Group in Indiana, 2004**

Age Group (Years of Age)	All Fatalities	Pedestrian Fatalities	Percentage of All Fatalities by Age Group
1-19	170	10	5.9%*
20-29	210	14	6.7%*
30-39	130	4	3.1%*
40-49	139	8	5.8%*
50-59	110	6	5.5%*
60-69	69	11	15.9%*
70+	113	15	13.3%*
Unknown	6	5	83.3%*
<b>Total</b>	<b>947</b>	<b>73</b>	<b>7.7%</b>

\*Does not add up to 100 percent, as it is a portion of each individual age range, and not the total number of fatalities.

As the above table indicates, the number of pedestrian fatalities is a larger percentage of the total number of fatalities in the 60 and older age range. Also, the 60-69 and 70+ age ranges have a higher overall percentage than the average of all age groups.

**Table 7. Total Fatalities and Pedestrian Fatalities in Indiana and Surrounding States, 2004**

State	Total Fatalities	Pedestrian Fatalities	Percentage of All Fatalities
Indiana	947	73	7.7%
Illinois	1,356	156	11.5%
Kentucky	964	48	11.8%
Michigan	1,159	137	7.3%
Ohio	1,286	94	5.0%
National	42,836	4,675	10.9%

This publication was prepared on behalf of the Indiana Criminal Justice Institute by Purdue University's Center for the Advancement of Transportation Safety. All information contained within was gathered from the Fatality Analysis Reporting System (FARS) Web-Based Encyclopedia provided by the National Highway Traffic Safety Administration (NHTSA) available at <http://www.fars.nhtsa.dot.gov>. All figures are considered current as of September 27, 2005. Please direct any questions concerning data in this document to the Center for the Advancement of Transportation Safety, Purdue University, 1291-F Cumberland Ave., West Lafayette, IN 47906-1385, 765-494-7038.